

IAP Cover Sheet

Version Name: Period 6

Incident Name: 2nd 80's Fire

Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]

Approved By

Federal OSC:

*[Signature]*

Stephan Mason 3/27/2019

State OSC:

*[Signature]*  
K Bernhagen

Kendra Bernhagen 3/27/19

Local OSC:

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Richard Lanhorn

RICHARD LANHORN 03/27/19

Incident Commander:

*[Signature]*  
David Wasson

David Wasson 03/27/19

# Incident Action Plan

Notes

Period 6 IAP

2nd 80's Tank Farm





**Present Conditions**

**Weather Conditions as of 03/27/2019 22:15**

**deer park station id: PWS\_KTXDEERP19**

<p><b>Temperature:</b> 58° Fahrenheit</p> <p><b>Wind Speed:</b> 2 mph</p> <p><b>Wind Direction (from):</b> SE</p> <p><b>Visibility:</b> 10 mile(s)</p> <p><b>Humidity (%):</b> 82</p> <p style="padding-left: 40px;">: N/A</p> <p style="padding-left: 40px;">: Mostly Clear</p> <p><b>Current Speed:</b></p> <p><b>Current Direction (to):</b></p> <p><b>Water Temperature:</b> ° Fahrenheit</p>	<p><b>Feels Like:</b> 58° Fahrenheit</p> <p><b>Dew Point:</b> 53° Fahrenheit</p> <p><b>Pressure:</b> 30.01 psi</p> <p><b>UV Index:</b></p> <p><b>Sunrise:</b> 07:14</p> <p><b>Sunset:</b> 19:36</p> <p><b>Wave Height:</b> feet feet</p> <p><b>Wave Direction:</b> SE</p> <p><b>Swell Interval:</b> day(s) feet</p>
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Forecast Date				
<b>Wed</b> 03/27/2019	 72 F	<b>Mostly Sunny</b>  Chance of Precipitation(%): 0% Wind: 9 mph	 57 F	<b>Mostly Clear</b>  Chance of Precipitation(%): 0% Wind: 6 mph
<b>Thu</b> 03/28/2019	 75 F	<b>Partly Cloudy</b>  Chance of Precipitation(%): 0% Wind: 11 mph	 64 F	<b>Partly Cloudy</b>  Chance of Precipitation(%): 10% Wind: 9 mph
<b>Fri</b> 03/29/2019	 76 F	<b>Mostly Cloudy with Isolated Showers</b>  Chance of Precipitation(%): 20% Wind: 7 mph	 64 F	<b>Partly Cloudy</b>  Chance of Precipitation(%): 9% Wind: 7 mph

**Tides**

	Tide	Height	UOM	Time	Tide Station Location
<b>Thu</b> 03/28/2019	Low	0.176	feet	10:06	Lynchburg Landing, San Jacinto River, Tx Us
	High	1.508	feet	19:18	Lynchburg Landing, San Jacinto River, Tx Us
<b>Fri</b> 03/29/2019	Low	0.203	feet	11:11	Lynchburg Landing, San Jacinto River, Tx Us
	High	1.523	feet	20:08	Lynchburg Landing, San Jacinto River, Tx Us
<b>Sat</b> 03/30/2019	Low	0.224	feet	12:09	Lynchburg Landing, San Jacinto River, Tx Us
	High	1.524	feet	20:36	Lynchburg Landing, San Jacinto River, Tx Us

Incident Map/Sketch

20190328 Division Overview Map



Incident Map/Sketch

20190328 Division A Map



Incident Map/Sketch

20190328 Division B Map



Incident Map/Sketch

20190328 Division C Map



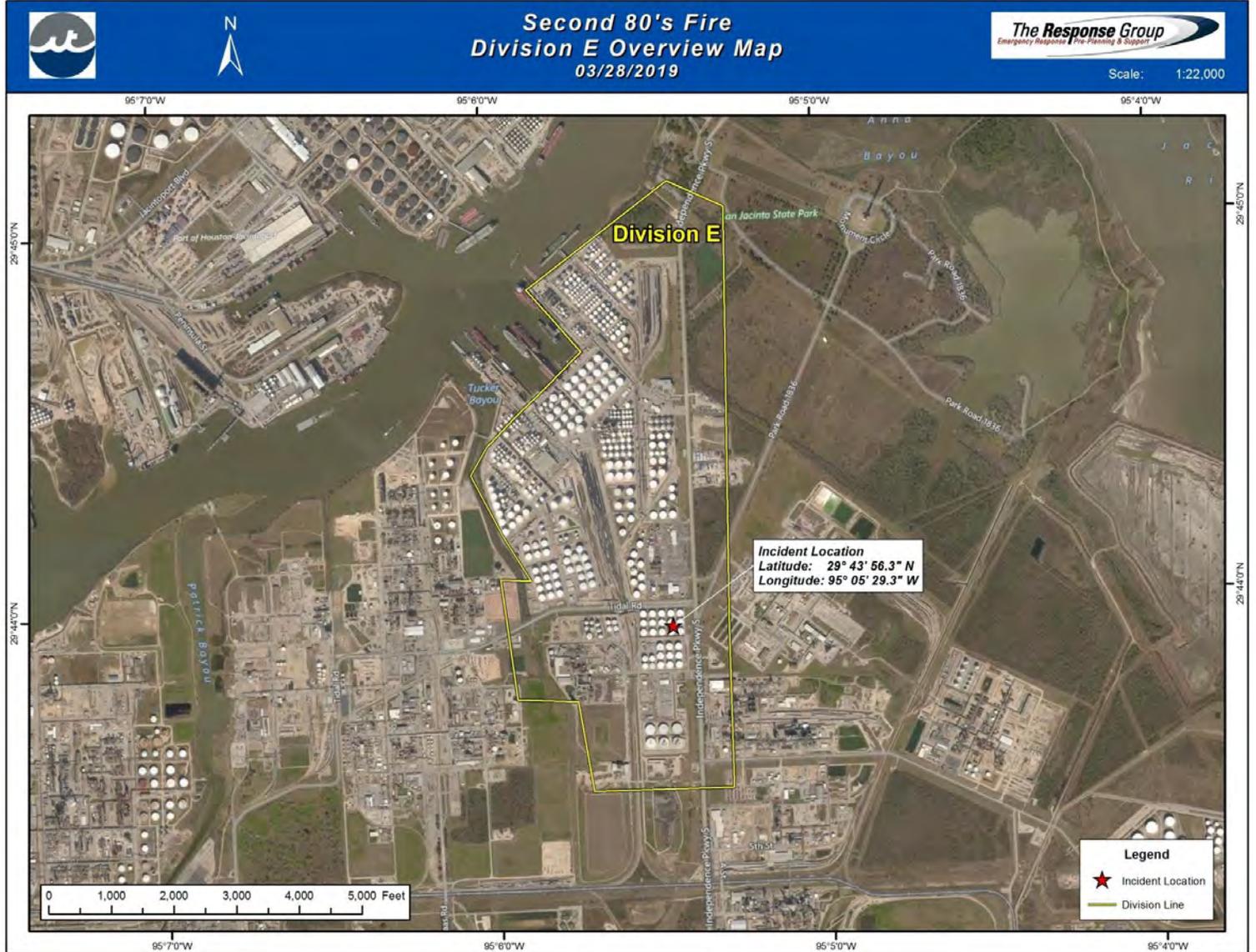
Incident Map/Sketch

20190328 Division D Map



Incident Map/Sketch

20190328 Division E Map



<b>ICS 202 - Incident Objectives</b>	Version Name: Period 6		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Objective(s)</b>			
Ensure the Safety of the Public and Response Personnel.			
Opening of Independence Parkway to Limited Traffic Flow			
Maximize the Protection of Public Health and Welfare.			
Maximize Protection of Environmentally and Socially Sensitive Areas.			
Monitor, Recover, and Rehabilitate Impacted Wildlife			
Maintain Fire Suppression Activities to Prevent Re-ignition and Suppress Vapor. Continue Assessing Risk in Tank Area for Site Stabilization.			
Continue Execution of Water and Product Removal Plan.			
Minimize Further Release of Product from the Facility.			
Contain and Recover Spilled Material.			
Prevent Further Impacts to Maritime Transportation.			
Ensure Port Recovery and Restoration.			
Keep the Public, Stakeholders and the Media Informed of Response and Recovery Activities.			
<b>Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)</b>			
<p>Safety is the number one priority. All responders have "Stop Work Authority." Report any unsafe acts or situation to your supervisor immediately.</p>			
<b>ICS 202 - Incident Objectives</b>		Prepared By Planning Section, Updated 03/27/2019 09:08 UTC -6: PP	
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ICS 204 - Assignment List			Division: Division A	
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division A Supervisor	Ward, Taylor	USCG	251-300-4189	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division A	Boom	Boom (18")	4200	
Division A	Work Barge	Barge Boat	11	
Division A	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division A	Safety Personnel	Air Monitoring Personnel	1	
Division A	Work Boat	Work Boat	14	
Division A	Boat Operator	Boat Operator	30	
Division A	Spill Tech	Spill Tech	66	
Division A	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	5	
Division A	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	5	
Division A	Weir Skimmer	Weir Skimmer	10	
Division A	Hose/Accessories	Duckbill	10	
Division A	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division A	Anchors	Anchors	15	
Division A	Portable Tank	Portable Tank	10	
Assignments				
<p>- Protection - Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.</p> <p>54-B Patrick Bayou 54-C Drainage Ditch</p> <p>As directed, conduct booming and recovery operations in Division A.</p>				
ICS 204 - Assignment List			Updated 03/24/2019 18:34 UTC -6:00	
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<b>ICS 204 - Assignment List</b>		Division: Division A	
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
<b>Communications</b>			
<b>Name / Function</b>		<b>Contact Details</b>	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
<b>Special Environmental Considerations</b>			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
<b>Special Site-Specific Safety Considerations</b>			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.			
All equipment and personnel must be decontaminated prior to leaving the hot zone. Action Levels for Benzene:			
>0.5 ppm - Don full face APR			
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.			
Report any LEL detection (delineate area).			
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com Phone: 832-493-8041			
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ICS 204 - Assignment List			Division: Division B	
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division B Supervisor	Livingston, Gregory	USCG	860-857-4997	Day Shift
Division B Supervisor	Osborne, Scott	ITC	903-391-4831	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom (18")	4000	
Division B	Work Barge	Barge Boat	15	
Division B	Skimming Vessel	Small Capacity Skimming Vessel	14	
Division B	Safety Personnel	Air Monitoring Personnel	62	
Division B	Fire Boat	Fire Boat	1	
Division B	Work Boat	Work Boat	21	
Division B	OSRV	OSRV	2	
Division B	Boat Operator	Boat Operator	62	
Division B	Spill Tech	Spill Tech	153	
Division B	Shallow Water Barge (SWB)	Shallow Water Barge (SWB) with Skimmers	6	
Division B	Skimmer Accessories	Drum Skimmer	8	
Division B	Offshore Boom	Offshore Boom	2640	67 inch (es)
Division B	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	10	
Division B	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	5	
Division B	Weir Skimmer	Weir Skimmer	10	
Division B	Belt Skimmer	Marco Skimmer	30	
Division B	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division B	Anchors	Anchors	20	
Division B	Portable Tank	Portable Tank	10	
Division B	Storage Barge (Inland)	Storage Barge (Inland)	1	
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ICS 204 - Assignment List		Division: Division B		
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	42" Harbor Boom	42" Harbor Boom	4500	
Assignments				
<p>- PROTECTION-</p> <p>Deploy &amp; Maintain Patrick's Bayou entrance J Boom (Site #1), encapsulate Site #2 shoreline with 42" boom. Add additional perpendicular segments of boom at Site #3, anchor boom at San Jacinto Port (Site#4). Maintain and deploy addition boom as needed at Tucker's Bayou and ITC slips. Line hard boom at Battleship (Site #5) with sweep.</p> <p>Continue to maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed. Deploy boom to continue pushing oil back towards the south side of the docks and back into Tucker Bayou. Maintain boom specifically at San Jacinto Port.</p> <p>Conduct additional booming operations as needed.</p> <p>Maintain 67" offshore boom (2640') at mouth of Tucker Bayou and ITC slips.</p> <p>40-J Carpenters Bayou 40-K Battleship 40-I Entrance to Old River</p> <p>- RECOVERY-</p> <p>-San Jacinto Port-</p> <p>At Site #6 utilize assigned (5) Marcos and (10) Vacuum Trucks 130 bbls. At Site #7 use (3) Marco skimmers to recover pocketed oil. Continue sourcing tank barge for recovery storage capacity.</p> <p>In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.</p> <p>OPBD will coordinate large capacity skimming vessels as needed. 24/Hr skimming operations will be conducted by large capacity skimming vessels.</p> <p>From Patrick's Bayou to entrance of Tucker's Bayou, conduct recovery operations utilizing (12) Marco Skimmers, (10) Small Vessel Skimming Package vessels</p> <p>- Tucker's Bayou/ITC Docks –</p> <p>MSRC will recover product with (4) Marco Skimmers, (3) GT185 skimmers, (3) Queensboro Skimmers, and (6) Shallow water barges.</p> <p>(Coordinate this portion of Operations with Division E) NRC will recover product utilizing (9) foilex skimmers and (20) vacuum trucks at ITC Dock.</p> <p>Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.</p> <p>*(1) 30k bbl storage barge will be used to offload product recovered from Divisions A &amp; B.*</p> <p>Vacuum Trucks will be offloaded at KSolv facility.</p>				
Communications				
Name / Function		Contact Details		
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15		
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<b>ICS 204 - Assignment List</b>	Division: Division B
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
<b>Special Equipment / Supplies Needed for Assignment</b>	
Utilize Viscous Sweep & Sorbent Boom as needed.	
<b>Special Environmental Considerations</b>	
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.	
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.	
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.	
<b>Special Site-Specific Safety Considerations</b>	
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.	
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.	
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.	
All equipment and personnel must be decontaminated prior to leaving the hot zone.	
Action Levels for Benzene:	
>0.5 ppm - Don full face APR	
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.	
Report any LEL detection (delineate area).	
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com	
or	
Phone: 832-493-8041	
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ICS 204 - Assignment List			Division: Division C	
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division C Supervisor	Kyser, Christopher	USCG	713-204-6978	Day Shift
Division C Supervisor	Anderson, Byron	ITC	832-466-6646	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom (18")	6000	
Division C	Work Barge	Barge Boat	10	
Division C	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division C	Safety Personnel	Air Monitoring Personnel	30	
Division C	Work Boat	Work Boat	15	
Division C	Boat Operator	Boat Operator	46	
Division C	Spill Tech	Spill Tech	80	
Division C	Shallow Water Barge (SWB)	Shallow Water Barge (SWB) with Skimmers	1	
Division C	Belt Skimmer	Marco Skimmer	20	
Division C	Storage Barge (Inland)	Storage Barge (Inland)	1	
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**Assignments**

- Protection -  
 Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed.  
 Assess and deploy boom as directed in Hog Island area.  
 Move/Maintain boom across San Jacinto river at Lynchburg Ferry. Open boom prior to ship traffic at 0730 HRS and close after stoppage of ship traffic at 19:30.  
 Utilize hard boom to contain pockets of oil in Carpenter's Bayou as directed.  
 Address Cemex dock, boom as directed.  
 Maintain and deploy boom in Division C as directed by Division Supervisor to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.  
 40-L Entrance to San Jacinto River  
 40-F San Jacinto River Marsh  
 40-G Burnet Bay Marsh

- Recovery -  
 Utilize (15) Marco Skimmers to recover oil at mouth of Old River and into Old river fleeting area as directed.  
 Utilize (5) Marco Skimmers in Carpenters bayou as directed. Utilize (10) Vacuum Trucks in Carpenter's Bayou as directed.  
 Small capacity skimming vessels to utilize (10) vacuum trucks staged at Independence Parkway/ West Landing of Lynchburg Ferry and KSolv facility to offload recovered product.  
 OPBD will direct skimming assets throughout Division as needed.  
 (1) 30k bbl storage barge will be used to offload product recovered from Divisions C & D.  
 Vacuum Trucks will be offloaded at KSolv facility.

**Communications**

<b>Name / Function</b>	<b>Contact Details</b>
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15

**Special Equipment / Supplies Needed for Assignment**

Utilize Viscous Sweep & Sorbent Boom as needed.

**Special Environmental Considerations**

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

<b>ICS 204 - Assignment List</b>	Division: Division C		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Site-Specific Safety Considerations</b>			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>&gt;0.5 ppm - Don full face APR &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041</p>			
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<b>Operations Personnel</b>
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Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Division D Supervisor	Myers, Janmichael	USCG	630-390-8615	Day Shift

<b>Resources Required</b>
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Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom (18")	3000	
Division D	Work Barge	Barge Boat	11	
Division D	Skimming Vessel	Small Capacity Skimming Vessel	10	
Division D	Safety Personnel	Air Monitoring Personnel	1	
Division D	Work Boat	Work Boat	14	
Division D	Boat Operator	Boat Operator	30	
Division D	Spill Tech	Spill Tech	66	
Division D	Vacuum Truck 130 bbl	Vacuum Truck 130 bbl	3	
Division D	Weir Skimmer	Weir Skimmer	10	
Division D	Belt Skimmer	Marco Skimmer	10	
Division D	Small Vessel Skimming Package	Small Vessel Skimming Package (Drum Skimmer, Air C	10	
Division D	Anchors	Anchors	15	
Division D	Portable Tank	Portable Tank	10	

<b>Assignments</b>
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- Protection -  
Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed.

Deploy and maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

40-M Baytown Nature Center  
54-D San Jacinto Battleground State Park  
54-N Baytown Nature Center  
TPW-1 St. Mary's Beach

Utilize (10) Marco Skimmers & (10) Small Capacity Skimming Package Vessels to recover product along shoreline from San Jacinto monument down to and including the Bostco facility.

Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.

OPBD will direct skimming assets throughout Division as needed.

Vacuum Trucks will be offloaded at KSolv facility.

<b>Communications</b>
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<b>Name / Function</b>	<b>Contact Details</b>
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15

<b>Special Equipment / Supplies Needed for Assignment</b>
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Utilize Viscous Sweep & Sorbent Boom as needed.

<b>Special Environmental Considerations</b>
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Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

<b>ICS 204 - Assignment List</b>	Division: Division D		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Site-Specific Safety Considerations</b>			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>&gt;0.5 ppm - Don full face APR  &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com  or  Phone: 832-493-8041</p>			
<b>ICS 204 - Assignment List</b>		Updated 03/24/2019 18:34 UTC -6:00	
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ICS 204 - Assignment List			Group: Decon Group	
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift
Mobile Decon Group Supervisor	Ruff, Zach	USCG	614-795-1689	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Decon Group	Vessel	Barge Boat	10	
Decon Group	Work Boat	Work Boat	5	
Decon Group	Boat Operator	Boat Operator	15	
Decon Group	Decon Personnel	Decon Personnel	55	
Decon Group	Boom	Boom	6000	18 inch (es)
Decon Group	Sorbent: Boom	Sorbent: Boom	2440	
Decon Group	Hot Water Pressure Washer	Hot Water Pressure Washer	10	
ICS 204 - Assignment List			Updated 03/26/2019 21:55 UTC -6:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 01:05 UTC -6:00	Page 22 of 73	© TRG	

<b>ICS 204 - Assignment List</b>		Group: Decon Group	
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
<b>Assignments</b>			
<p>Outfit, maintain, and continue to identify additional decon sites as required. Spot check teams will conduct assessment of level of contamination and direct contaminated vessels to decon site. Coordinate with MTSRU to prioritize vessels for decon. Decon operations to be conducted per the approved Decontamination Plan.</p> <p>Decon Sites:  Shell Deer Park  South of Lynchberg  Barbours Point / Lash docks  Southwest Shipyard  ITC Pasadena</p> <p>Vessels will be decontaminated after containment boom is deployed after lashing and securing the vessel. Sorbent material (pads &amp; boom) will be used to recover any residual product/runoff from the decon operation.</p> <p>(5) Decon Teams will be deployed, (1) to each site, and each Decon Team will consist of:  (1) Response Boat  (2) Barges for washdown  (14) Decon technicians</p> <p>All waste generated during equipment decontamination will be handled in accordance with Federal, State, and Local regulations.</p>			
<b>Special Instructions</b>			
USCG Decon Examiner will complete the Decontamination Form for each vessel. Turn in all completed forms to the Decon Group Supervisor at the end of each shift.			
<b>Communications</b>			
<b>Name / Function</b>		<b>Contact Details</b>	
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A	
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16	
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67	
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15	
<b>Special Equipment / Supplies Needed for Assignment</b>			
VHF Radio Camera			
<b>Special Environmental Considerations</b>			
<p>Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.</p> <p>Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>			
<b>ICS 204 - Assignment List</b>		Updated 03/26/2019 21:55 UTC -6:00	
<b>INCIDENT ACTION PLAN SOFTWARE™</b>	Printed 03/28/2019 01:05 UTC -6:00	Page 23 of 73	© TRG

<b>ICS 204 - Assignment List</b>	Group: Decon Group		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Site-Specific Safety Considerations</b>			
<p>Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift.</p> <p>If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>&gt;0.5 ppm - Don full face APR  &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com  or  Phone: 832-493-8041</p>			
<b>ICS 204 - Assignment List</b>		Updated 03/26/2019 21:55 UTC -6:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 01:05 UTC -6:00	Page 24 of 73	© TRG

ICS 204 - Assignment List		Group: On-Water Air Monitoring Group			
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift	
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift	
Water Operations Branch Director	McLelland, Reid	ITC	281-838-7567	Day Shift	
Water Operations Branch Director	Young, Kevin	ITC	281-786-9383	Night Shift	
Water Operations Branch Director	Carroll, Amos	USCG	(832) 256-3265	Day Shift	
Water Operations Branch Director	Swanney, Kyle	USCG	(832) 256-7210	Night Shift	
On-Water Air Monitoring Supervisor	Lopez, Christopher	ITC	281-744-3490	Day Shift	
On-Water Air Monitoring Supervisor	Debrum, Nicholas	USCG	774-766-8695	Day Shift	
Incident Resources					
Area Of Operation	Resource Kind	Description (Equip ID)	Quantity	Size	Status
On-Water Air Monitoring Group	Equipment: PPE	3M 6003/07047 Respirator Cartridge 2 pk	20 each		En route
On-Water Air Monitoring Group	Equipment: PPE	3M Half Face 6300/07026 Respirator	20 each		En route
On-Water Air Monitoring Group	Equipment: Safety	5-Gas PID Meters	7 each		Available
On-Water Air Monitoring Group	Vessel	USCG TANB (26184)	1 each		Assigned
-- On-Water Air Monitoring Group	Manpower: Responder	USCG TANB crew	3 each		Assigned
Assignments					
USCG Strike Team to conduct air monitoring throughout all divisions as directed.					
Communications					
Name / Function		Contact Details			
Marine - USCG OPS / Tactical		Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All		Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical		Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations		Operations/Safety/Incident Command 15			
ICS 204 - Assignment List		Updated 03/27/2019 09:50 UTC -6:00			
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 01:05 UTC -6:00	Page 25 of 73	© TRG		

***Special Environmental Considerations***

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

***Special Site-Specific Safety Considerations***

Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.

Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

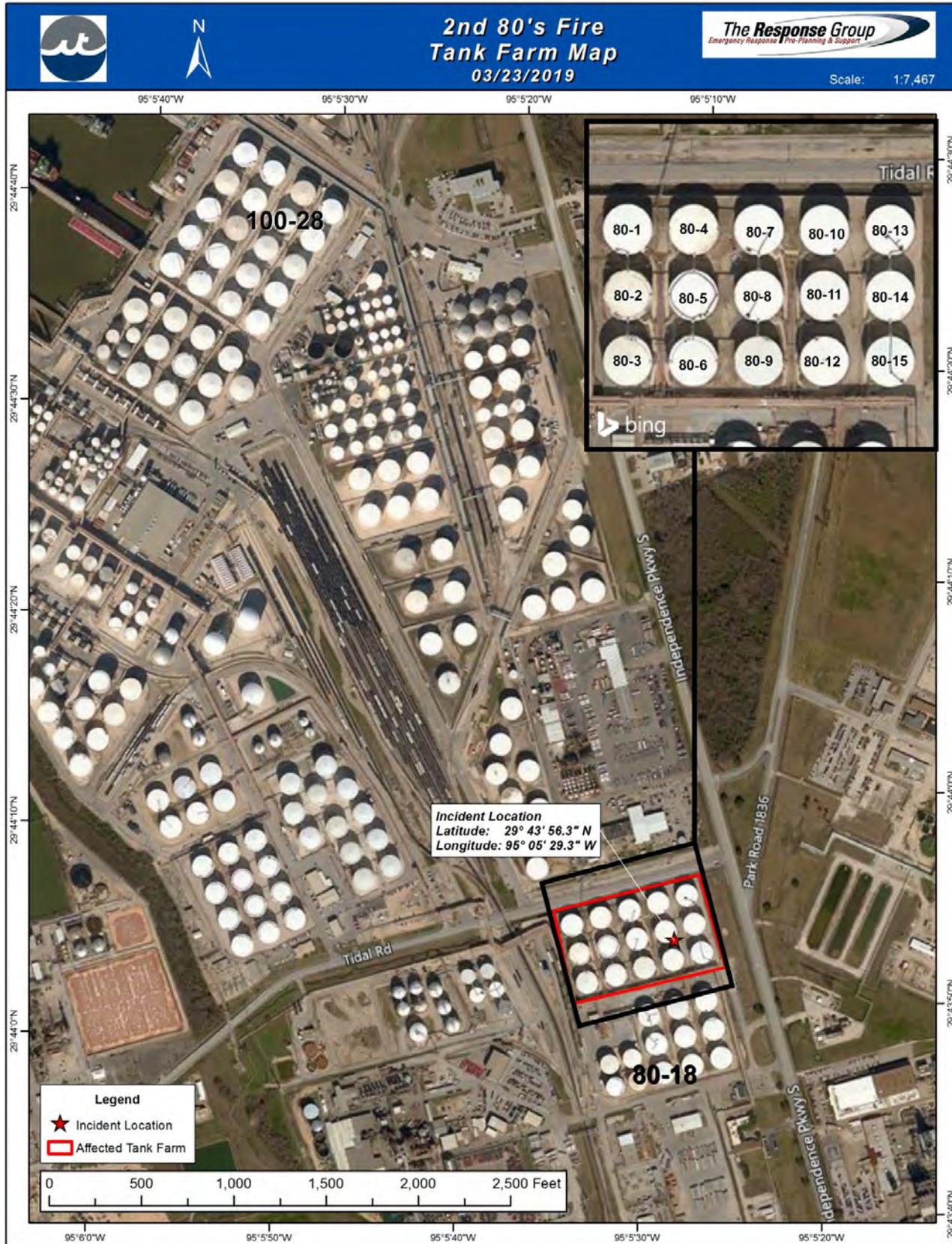
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com  
or  
Phone: 832-493-8041

ICS 204 - Assignment List		Group: Tank Farm Recovery Group		
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Tank Farm Recovery Group Supervisor	Thomas, Harold	ITC	713-823-2543	Day Shift
Tank Farm Recovery Group Supervisor	Moses, Terry	ITC	281-389-9078	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Tank Farm Recovery Group	Pumps	SS MSP-300	3	
Tank Farm Recovery Group	Manpower: Responder	ERT Member	8	
Tank Farm Recovery Group	Hose/Accessories	Vacuum Hose	3	
Tank Farm Recovery Group	Hydraulic Power Unit	Hydraulic Power Unit	3	
Tank Farm Recovery Group	Vehicle: Fire Engine	Fire Engine	2	
Assignments				
<p>(2) 2-man teams, (1) team deployed (1) team will remain on standby, donning Level A PPE will conduct pre-entry site characterization after drone assessment of the tank area is completed.</p> <p>Transfer product from AST 80-13 followed by tanks 80-2 and 80-3 to receiving tanks and piping as directed by ITC / Unified Command. Pumping will be completed using a pump with a manifold with stainless-steel discharge hoses and transfer to 80-18. Personnel will maintain readiness and be staged at hose connections during initial start up.</p> <p>Hydrocutting will be conducted on tanks 80-14 and 80-15 for the purpose of removing any residual product remaining in tank.</p> <p>US Fire Pumps to conduct transfer operations of tanks 80-14 and 80-15.</p> <p>Assessment will be conducted by T&amp;T before product transfer begins with tanks 80-2 and 80-3, first 80's tank manifold will be mitigated.</p>				
Communications				
Name / Function	Contact Details			
ITC Trunking System / Command	ITC Trunking System Site 1 & 2			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
ICS 204 - Assignment List		Updated 03/27/2019 22:34 UTC -6:00		
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<b>ICS 204 - Assignment List</b>	Group: Tank Farm Recovery Group		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Equipment / Supplies Needed for Assignment</b>			
<p>6" Flange to 4: female cam lock          Bolts for reducers          Teflon Gaskets          SCBAs          Bunker Gear          PPE - Level A Flash Suit, respirators, organic vapor cartridges, rubber boots, chem gloves, cascade systems/supplied-air systems, etc.          Radios</p>			
<b>Special Environmental Considerations</b>			
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.			
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.			
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.			
<b>Special Site-Specific Safety Considerations</b>			
<p>Continuous air monitoring will be conducted to direct use of respiratory protection for workers. PPE will include fire-resistant coveralls, chemical protective boots, chemical resistant gloves, hearing protection, eye protection, splash guards (as required), outer protective suits (as required), and respiratory protection. Respirators with organic vapor cartridges and supplied-air systems will be provided. Grounding/bonding of transfer system will be completed. Transfer operations will cease during lightning events. All personnel on-site have stop-work authority. A JSA will be completed prior to commencing transfer operations.</p>			
Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.			
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.			
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.			
All equipment and personnel must be decontaminated prior to leaving the hot zone.			
Action Levels for Benzene:			
<p>&gt;0.5 ppm - Don full face APR          &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p>			
Report any LEL detection (delineate area).			
<p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com          or          Phone: 832-493-8041</p>			
<b>ICS 204 - Assignment List</b>		Updated 03/27/2019 22:34 UTC -6:00	
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<b>ICS 204 - Assignment List</b>	Group: Tank Farm Recovery Group		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Additional Information</b>			
Pumping Crew Trevor Reed Mario Tovar Ricky Castillo Cory Lewis Rick Francis Additional personnel as required Robbie Dison: Safety Assistant On-Site Tom Noble: Project Management / Supervision Safety Director: Cody Wilson			
<b>ICS 204 - Assignment List</b>	Updated 03/27/2019 22:34 UTC -6:00		
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Tank Farm Recovery Group



ICS 204 - Assignment List		Task Force: Foam Application TF		
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Dwight, Williams	US Fire Pump	409-273-4870	Day Shift
Fire Suppression Group Supervisor	Guccione, Cory	ITC	281-380-1029	Night Shift
Foam Application TF Leader	Nawrocki, Ryan	US Fire Pump	(225) 931-0694	Day Shift
Foam Application TF Leader	Snyder, John	US Fire Pump	(985) 817-0649	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	12	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Pumps	Pumps	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	2	
Assignments				
<p>Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential. Foam applied as needed using multiple stationary foam cannons. Every 2 hours (as necessary) foam will be applied near tanks 80-2, 80-3, and 80-5. Firefighting team's specific focus is fire protection, fire suppression and vapor suppression.</p> <p>Continue use of infrared imaging camera to read and/or detect any vapor yields. Continue aggressive metering and monitoring around tank farm area.</p> <p>Foam Type(s): 1-3%</p>				
Communications				
Name / Function	Contact Details			
ITC Trunking System / Command	ITC Trunking System Site 1 & 2			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
ICS 204 - Assignment List		Updated 03/25/2019 19:03 UTC -6:00		
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**Special Environmental Considerations**

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

**Special Site-Specific Safety Considerations**

Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com  
or  
Phone: 832-493-8041

ICS 204 - Assignment List		Task Force: Fire Water Containment TF		
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Dwight, Williams	US Fire Pump	409-273-4870	Day Shift
Fire Suppression Group Supervisor	Guccione, Cory	ITC	281-380-1029	Night Shift
Fire Water Containment TF Leader	Walker, Derek	ITC	281-515-0751	Day Shift
Fire Water Containment TF Leader	Martin, Gene	ITC	832-259-6587	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Firewater Containment TF	Manpower: Responder	Manpower: Responder	4	
Firewater Containment TF	Manpower: Supervisor	Manpower: Supervisor	1	
Firewater Containment TF	Pumps	Pumps	1	
Firewater Containment TF	Vacuum Truck	Vacuum Truck	4	
Assignments				
Maintain 2' of foam and mixture within the tank farm. Will adjust accordingly if rain should occur.				
Ensure all firewater/mix used in firefighting operations is contained and removed. Utilize vacuum trucks, pumps, suction hose, and manifold hose to pump water into tank 100-28. Transfer from tank 100-28 to 100-31 will be ongoing to drop head pressure and reduce volume to allow trucks to be able to pump into tank 100-28.				
Coffer dam has been constructed on the ditch south of Tidal Rd. which leads to Tucker Bayou. Vacuum trucks will continue recover product from this location. Evaluation of options for additional Coffer dam construction will continue.				
Communications				
Name / Function	Contact Details			
ITC Trunking System / Command	ITC Trunking System Site 1 & 2			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
CIMA / Dispatch	CIMA 1			
Tactical Objectives				
Ensure all spilled material stays on site and in containment				
ICS 204 - Assignment List		Updated 03/25/2019 19:04 UTC -6:00		
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**Special Environmental Considerations**

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

**Special Site-Specific Safety Considerations**

Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.

Email: Air2@item.com

or

Phone: 832-493-8041

<b>Operations Personnel</b>				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Air Monitoring Group Supervisor	Langley, Justin	CTEH	281-627-2889	Day Shift
Air Monitoring Group Supervisor	Allaby, Eric	CTEH	(501) 529-7164	Night Shift

<b>Resources Required</b>				
Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Air Monitoring Devices	112	
Air Monitoring Group	Vessel	USCG TANB	4	
Air Monitoring Group	Manpower: Responder	Air Monitoring Tech	220	
Air Monitoring Group	Aircraft: UAV	Aircraft	1	
Air Monitoring Group	Vehicle	Vehicle	139	

<b>ICS 204 - Assignment List</b>	Group: Air Monitoring Group
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
<b>Assignments</b>	
<p>CTEH: Real time air monitoring (360 deg. 24hr) in operational areas as well as in community. (Benzene, VOCs) (34) Analytical stations samples go to lab for rush turnaround (same day or next day). See Air Monitoring Plan for details.  Air Monitoring Device Kits: 165 (3 Air Monitoring Devices per Kit)  Personnel: 214  Vehicles: 203</p> <p>CTEH will work with the Division Supervisor will determine the air monitoring support level on all vessels.</p> <p>EPA: (2) Roving monitoring teams conducting air monitoring. Real-time monitoring will occur via ASPECT aerial platform. TAGA bus to continue to conduct air monitoring in community areas. If there is a area of concern where TAGA can be utilized, contact EPA.  Personnel: 19  Vehicles: 1  Aircraft: 1</p> <p>MSRC: (2) CTEH personnel &amp; (1) MSRC Tech will conduct continuous monitoring on the deck of the Texas Responder.  Air Monitoring Devices: 1  Personnel: 2  Vessels: 1</p> <p>Hazmat Group (City of Houston, CST, Harris County Fire Marshall Office, TIFMAS): (4) (2) man teams will take readings at multiple sites around the Incident Location and will report results. If action levels are reached, Monitoring Supervisor and Harris County EOC will be notified. CST will coordinate work through Hazmat Group or Local On-Scene Coordinator.  Air Monitoring Devices: 9  Personnel: 14  Vehicles: 4</p> <p>TCEQ will deploy (3) teams during day operations and (5) teams during night operations. The teams will be positioned downwind of the facility in community areas. In addition (2) air monitoring stations are strategically located in coordination with unified command.  SWS Personnel: 4  Vehicles: 3</p> <p>Harris County Pollution Control: Will conduct roving monitoring along 225 and Tidal Rd to railroad tracks. Also will conduct monitoring at 225 and Miller Rd. to railroad tracks.  Air Monitoring Devices: 2  Personnel: 2  Vehicles: 1</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.</p> <p>Email: Air2@iterm.com  Phone: 832-493-8041</p>	
<b>Communications</b>	
<b>Name / Function</b>	<b>Contact Details</b>
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15
<b>Special Environmental Considerations</b>	
<p>Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.</p> <p>Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.</p> <p>Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.</p>	
<b>ICS 204 - Assignment List</b>	Updated 03/25/2019 18:53 UTC -6:00
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<b>ICS 204 - Assignment List</b>	Group: Air Monitoring Group		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Site-Specific Safety Considerations</b>			
<p>Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.</p> <p>Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.</p> <p>Action Levels for Benzene:</p> <p>&gt;0.5 ppm - Don full face APR  &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com  or  Phone: 832-493-8041</p>			
<b>ICS 204 - Assignment List</b>		Updated 03/25/2019 18:53 UTC -6:00	
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ICS 204 - Assignment List			Group: Water Sampling Group	
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Water Sampling Group Supervisor	Kubitz, Jody	Cardno	815-355-3938	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling Group	Miscellaneous	Water Sampling Kits	2	
Water Sampling Group	Vessel	USCG TANB	3	
Water Sampling Group	Manpower: Responder	Air Monitoring Tech	6	
Water Sampling Group	Vehicle	Vehicle	3	
Water Sampling Group	Work Boat	Work Boat	6	
Water Sampling Group	Boat Operator	Boat Operator	6	
Assignments				
<p>Conduct water sampling in various locations. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Unified Command. Sampling will be conducted in accordance with each entities Sampling Plan</p> <p>EPA: (1) Surface water sampling group will conduct sampling upstream of the confluence of Tucker Bayou (daily) and the Ship Channel (outside of the containment), San Jacinto State Historical Park, and the vicinity of the Lynchburg Reservoir. Additional areas will be sampled when needed.</p> <p>TCEQ: (3) Surface quality groups will conduct water sampling east of Channelview, as far as the eastern border of Galveston Bay and as far south as Kemah, an additional shore sampling team will be conducting sampling in Gulf side of Galveston Island and Crystal Beach in Bolivar peninsula. Harris County Pollution Control will continue to work with TCEQ regarding water sampling data.</p> <p>Cardno: (2) Teams will conduct water sampling by vessel and taking a full suite of samples from Buffalo Bayou east for several miles. Reference the Foam Product &amp; Water Sampling Plan for additional details.</p> <p>ITC: Water sampling will occur at outfall 3 regularly every two hours. If outfall 3 is opened, take additional sample.</p>				
Communications				
Name / Function	Contact Details			
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
ICS 204 - Assignment List			Updated 03/25/2019 18:53 UTC -6:00	
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<b>ICS 204 - Assignment List</b>	Group: Water Sampling Group
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
<b>Special Environmental Considerations</b>	
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.	
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.	
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.	
<b>Special Site-Specific Safety Considerations</b>	
Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.	
Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.	
Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.	
Action Levels for Benzene:	
>0.5 ppm - Don full face APR	
>25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.	
Report any LEL detection (delineate area).	
Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@item.com or Phone: 832-493-8041	

ICS 204 - Assignment List		Other: Rapid Assessment Team (RAT)		
Incident Name: 2nd 80's Fire		Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Rapid Assessment Team (RAT)	Wakefield, Jeff	Cardno	3023889173	Day Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT / RAT	Equipment: Safety	Air Monitoring Devices	4	
SCAT / RAT	Manpower: Responder	Air Monitoring Tech	4	
SCAT / RAT	Vehicle	Vehicle	4	
SCAT / RAT	Work Boat	Work Boat	4	
SCAT / RAT	Boat Operator	Boat Operator	4	
Assignments				
(4) Shoreline Cleanup Assessment Technique (SCAT)/ Rapid Assessment Teams (RAT) and (1) UAS team to conduct surveys along both shorelines of the ship channel to assess any environmental impacts. Teams will be comprised of Cardno/ITC, Federal (where available) and State personnel. All surveys will be conducted per the Rapid Assessment Team Plan or the Shoreline Cleanup Assessment Technique (SCAT) Plan.				
Communications				
Name / Function	Contact Details			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			
Special Environmental Considerations				
Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.				
Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.				
Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.				
ICS 204 - Assignment List		Prepared By Operations, Updated 03/25/2019 18:54 UTC -6:00 PP		
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<b>ICS 204 - Assignment List</b>	Other: Rapid Assessment Team (RAT)		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Site-Specific Safety Considerations</b>			
<p>Maintain awareness of walking surfaces to prevent slips trips and falls. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.</p> <p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.</p> <p>Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256).</p> <p>All equipment and personnel must be decontaminated prior to leaving the hot zone.</p> <p>Action Levels for Benzene:</p> <p>&gt;0.5 ppm - Don full face APR  &gt;25 ppm - Supplied air; must change APR cartridges to prevent breakthrough every 4 hours.</p> <p>Report any LEL detection (delineate area).</p> <p>Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com  or  Phone: 832-493-8041</p>			
<b>ICS 204 - Assignment List</b>		Prepared By Operations, Updated 03/25/2019 18:54 UTC -6:00 PP	
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ICS 204 - Assignment List			Branch: Wildlife Branch		
Incident Name: 2nd 80's Fire			Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift	
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift	
Wildlife Branch Director	Murgatroyd, Rhonda	Wildlife Response Services LLC	713-705-5897		
Wildlife Branch Director	Nunez, Alex	Texas Parks and Wildlife	361-658-3181		
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Wildlife Branch	Small Boat	Small Boat	2	14 - 29 feet	
Wildlife Branch	Boat Operator	Boat Operator	2		
Wildlife Branch	Wildlife Specialist	Avian Specialist	3		
Wildlife Branch	Safety Personnel	Air Monitoring Tech	3		
Wildlife Branch	Manpower: Responder	Marine Mammal Specialist	2		
Wildlife Branch	Facilities	Rehab Facility	1		
Wildlife Branch	Wildlife Trailer	Wildlife Trailer	1		
Wildlife Branch	Equipment: Comms	Wildlife Hotline Phone	1		
Wildlife Branch	Manpower: Supervisor	Wildlife Branch Director	2		
Assignments					
<p>Field teams will conduct boat and shoreline assessments for oiled and at-risk wildlife using standard protocols. Assess the locations, numbers, and types of potentially impacted wildlife. Field teams will immediately notify the Wildlife Branch Director of any observed oil impacts to wildlife. Coordinate any observations reported to the JIC and relay information to the Wildlife Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe harbor. Communicate changes in conditions with Branch Director. Once weather improves to a safe condition continue recovery operations.</p> <p>Wildlife Hotline #: (832) 368-5379</p>					
ICS 204 - Assignment List			Updated 03/27/2019 21:29 UTC -6:00		
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**ICS 205 - Radio Communications**

Version Name: Radio Comms

Incident Name: 2nd 80's Fire

Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]

**Radio Channel Information**

Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
81A	Tactical	Marine - USCG OPS		157.0250	None	Simplex		A	
21A	Tactical	Marine - RAT (Rapid Assessment Teams)		157.0500	None	Simplex		A	
16	All	Marine - Hailing and Emergency		156.8000	None	Simplex		A	
67	Tactical	Marine - OMI-On- water OPS		156.3750	None	Simplex		A	
Site 1 & 2	Command	ITC Trunking System	ITC ICP (Admin Building)	Encrypted				D	
15	Operations	Operations/Safety/I ncident Command							
1	Dispatch	CIMA							
2	Tactical	East/South - CIMA							
3	Tactical	North Div - CIMA							
4	Tactical	West Div (Water Supply) - CIMA							
5	Tactical	Safety (IH) - CIMA							

**Special Radio Instructions**

**Local Communications Information**

Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Jacobson, Jeff	Operations Section Chief	713-516-6916			ITC
Kuhn, Karl	Deputy Operations Section Chief	713-208-5583			ITC
Burditt, John	Deputy Operations Section Chief	832-240-6440			ITC
Shamilov, Rafael	Deputy Operations Section Chief	415-798-6475			USCG
Tilimon, Matthew	Deputy Operations Section Chief	832-256-3261			USCG
Young, Kevin	Water Operations Branch - NIGHT	281-786-9383			ITC
McLelland, Reid	Water Operations Branch	281-838-7567			ITC
Carroll, Amos	Water Operations Branch	(832) 256-3265			USCG
Ward, Taylor	Division A Group Supervisor	251-300-4189			USCG
Livingston, Gregory	Division B Group Supervisor	860-857-4997			USCG
Osborne, Scott	Division B Group Supervisor	903-391-4831			ITC
Kyser, Christopher	Division C Group Supervisor	713-204-6978			USCG
Anderson, Byron	Division C Group Supervisor	832-466-6646			ITC
Myers, Janmichael	Division D Group Supervisor	630-390-8615			USCG
Debrum, Nicholas	Air Monitoring (Water)	774-766-8695			USCG
Ruff, Zach	Mobile Decon Group	614-795-1689			USCG
Pounds, Kenneth	Assistant Safety Officer	2513661450			USCG
Larson, Alan	Assistant Safety Officer	786-973-1225			USCG
Gaudet, Michael	Monitoring Branch	(281) 787-8256			ITC
Rodriguez, Antonio	NRC Contact	281-796-6881			NRC
Segura, Tyler	OMI Contact	409-299-0472			OMI
Sedlack, Tracy	MSRC Contact	713-471-2680			MSRC

<b>Medical Aid Stations</b>
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Name	Location	Paramedic On Site	Phone	Radio
Safety Training Building	-95.09605 29.73362	<input type="checkbox"/>		ITC Mandown Button

<b>Transportation (Ground and/or Air Ambulance Services)</b>
--

Ambulance Service	Location	Phone	Radio	Air	ALS
Deer Park Volunteer Fire Department	Deer Park, TX	Ph1: (281) 476-1511		<input type="checkbox"/>	<input type="checkbox"/>

<b>Hospitals</b>
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Hospital	Location	Phone	Radio	Air Travel Time	Ground Travel Time	Trauma Center	Helipad	Burn Center
CHI St. Luke's Patients Medical Center	4600 East Sam Houston Parkway South Pasadena, TX 77505 -95.16227 29.64113	713-378-8994 281-487-0700				II	<input type="checkbox"/>	<input type="checkbox"/>
HCA-Bayshore Medical Center	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1060 713-359-1000				II	<input type="checkbox"/>	<input type="checkbox"/>
Altus Baytown Hospital	1626 W Baker Rd Baytown, TX 77521 -94.98169 29.77128	281-382-1627 281-837-7600					<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Special Medical Emergency Procedures</b>
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Deliver First Aid if trained in accordance with your training.

Address is 2621 ITC Tidal Road Harris County, Texas.

Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:

Injury or Death

OSHA/Greater than 1st Aid through Safety Officer

SDS available and copies made to send with ambulance.

Decontamination must take place prior to transport.

Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.

<b>ICS 206 - Medical Plan</b>				Version Name: Division A On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
<b>Medical Aid Stations</b>								
<i>Name</i>		<i>Location</i>		<i>Paramedic On Site</i>	<i>Phone</i>		<i>Radio</i>	
Staging Area - OMI River		-95.10154 29.78214		<input checked="" type="checkbox"/>				
<b>Transportation (Ground and/or Air Ambulance Services)</b>								
<i>Ambulance Service</i>		<i>Location</i>		<i>Phone</i>		<i>Radio</i>	<i>Air</i>	<i>ALS</i>
Channel View Fire Dept		Channel View, TX -95.11465 29.77606		Ph1: 911 / (281) 452-5782			<input type="checkbox"/>	<input type="checkbox"/>
Acadian Ambulance Staging Area - OMI River		-95.10104 29.78206		Ph1: (409) 833-3800			<input type="checkbox"/>	<input type="checkbox"/>
<b>Hospitals</b>								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
<b>ICS 206 - Medical Plan</b>				Prepared By Planning, Updated 03/25/2019 18:59 UTC -6:00 PP				
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<b>ICS 206 - Medical Plan</b>	Version Name: Division A On Water Operations
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
<b>Special Medical Emergency Procedures</b>	
<p>Deliver First Aid if trained in accordance with your training.</p> <ol style="list-style-type: none"> <li>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</li> <li>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</li> </ol> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p style="padding-left: 40px;">OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>	

<b>ICS 206 - Medical Plan</b>				Version Name: Division B On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
<b>Medical Aid Stations</b>								
<i>Name</i>		<i>Location</i>		<i>Paramedic On Site</i>	<i>Phone</i>		<i>Radio</i>	
Staging Area - OMI River		-95.10154 29.78214		<input checked="" type="checkbox"/>				
<b>Transportation (Ground and/or Air Ambulance Services)</b>								
<i>Ambulance Service</i>		<i>Location</i>		<i>Phone</i>		<i>Radio</i>	<i>Air</i>	<i>ALS</i>
Acadian Ambulance Dispatch Center		-94.14665 29.99906		Ph1: (409) 833-3800			<input type="checkbox"/>	<input type="checkbox"/>
Acadian Ambulance Supervisor 470		-95.10154 29.78214		Ph1: (832) 210-4279			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Hospitals</b>								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
<b>ICS 206 - Medical Plan</b>				Prepared By Planning, Updated 03/25/2019 16:49 UTC -6:00 PP				
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<b>ICS 206 - Medical Plan</b>	Version Name: Division B On Water Operations		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b><i>Special Medical Emergency Procedures</i></b>			
<p>Deliver First Aid if trained in accordance with your training.</p> <ol style="list-style-type: none"> <li>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</li> <li>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</li> </ol> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Death</p> <ul style="list-style-type: none"> <li>OSHA/Greater than 1st Aid through Safety Officer</li> </ul> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
<b>ICS 206 - Medical Plan</b>		Prepared By Planning, Updated 03/25/2019 16:49 UTC -6:00 PP	
<b>INCIDENT ACTION PLAN SOFTWARE™</b>	Printed 03/28/2019 01:06 UTC -6:00	Page 49 of 73	© TRG

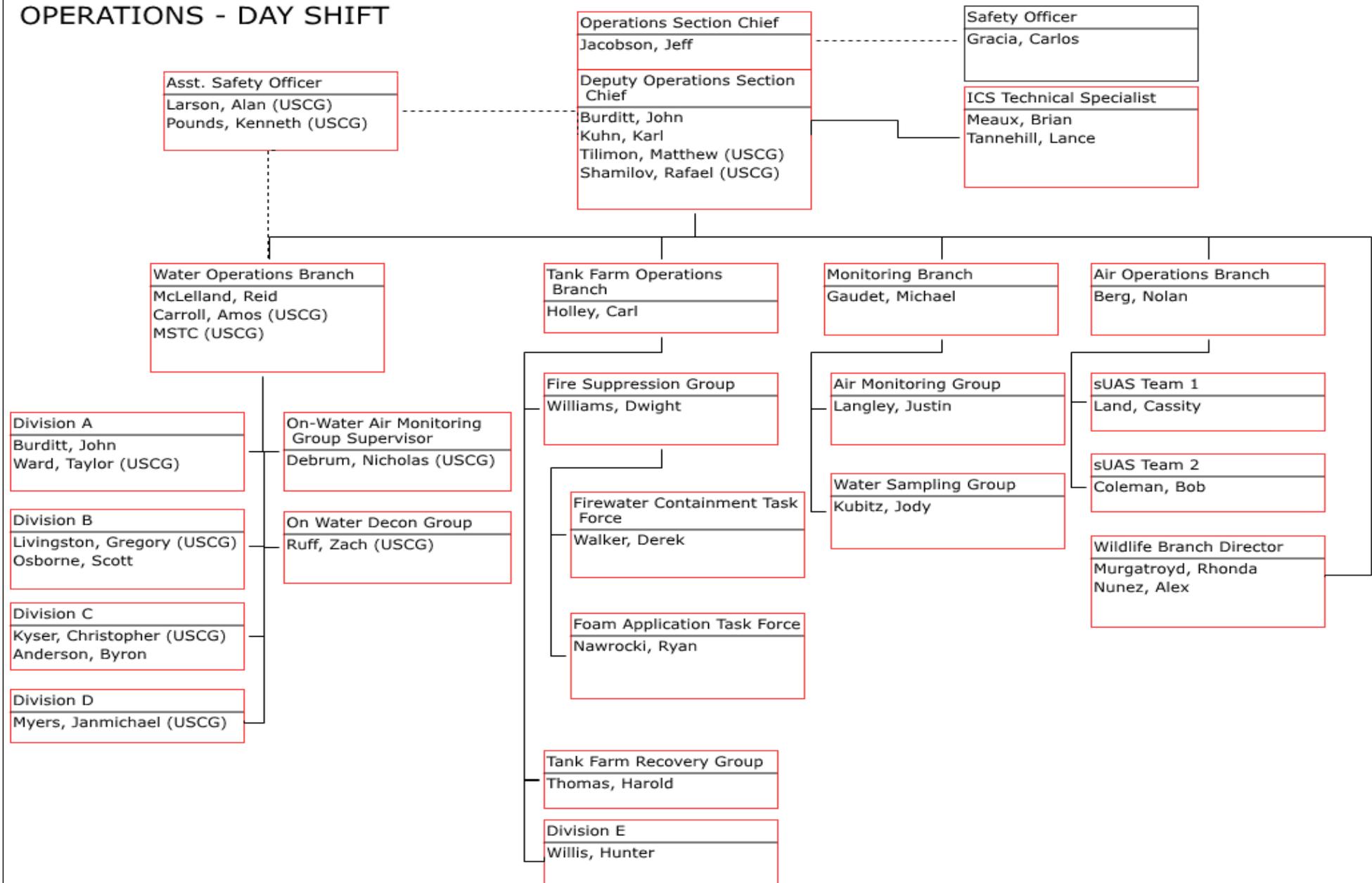
<b>ICS 206 - Medical Plan</b>				Version Name: Division C On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
<b>Medical Aid Stations</b>								
<i>Name</i>		<i>Location</i>		<i>Paramedic On Site</i>	<i>Phone</i>		<i>Radio</i>	
Staging Area - OMI River		-95.10154 29.78214		<input checked="" type="checkbox"/>				
<b>Transportation (Ground and/or Air Ambulance Services)</b>								
<i>Ambulance Service</i>		<i>Location</i>		<i>Phone</i>		<i>Radio</i>	<i>Air</i>	<i>ALS</i>
Acadian Ambulance Dispatch Center		-94.14665 29.99906		Ph1: (409) 833-3800			<input type="checkbox"/>	<input type="checkbox"/>
Acadian Ambulance Supervisor 470		-95.10154 29.78214		Ph1: (832) 210-4279			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Hospitals</b>								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
<b>ICS 206 - Medical Plan</b>				Prepared By Planning, Updated 03/25/2019 16:50 UTC -6:00 PP				
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 50 of 73		© TRG		

<b>ICS 206 - Medical Plan</b>	Version Name: Division C On Water Operations		
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]		
<b>Special Medical Emergency Procedures</b>			
<p>Deliver First Aid if trained in accordance with your training.</p> <ol style="list-style-type: none"> <li>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</li> <li>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</li> </ol> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Deathv</p> <p style="padding-left: 40px;">OSHA/Greater than 1st Aid through Safety Officer</p> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
<b>ICS 206 - Medical Plan</b>		Prepared By Planning, Updated 03/25/2019 16:50 UTC -6:00 PP	
<b>INCIDENT ACTION PLAN SOFTWARE™</b>	Printed 03/28/2019 01:06 UTC -6:00	Page 51 of 73	© TRG

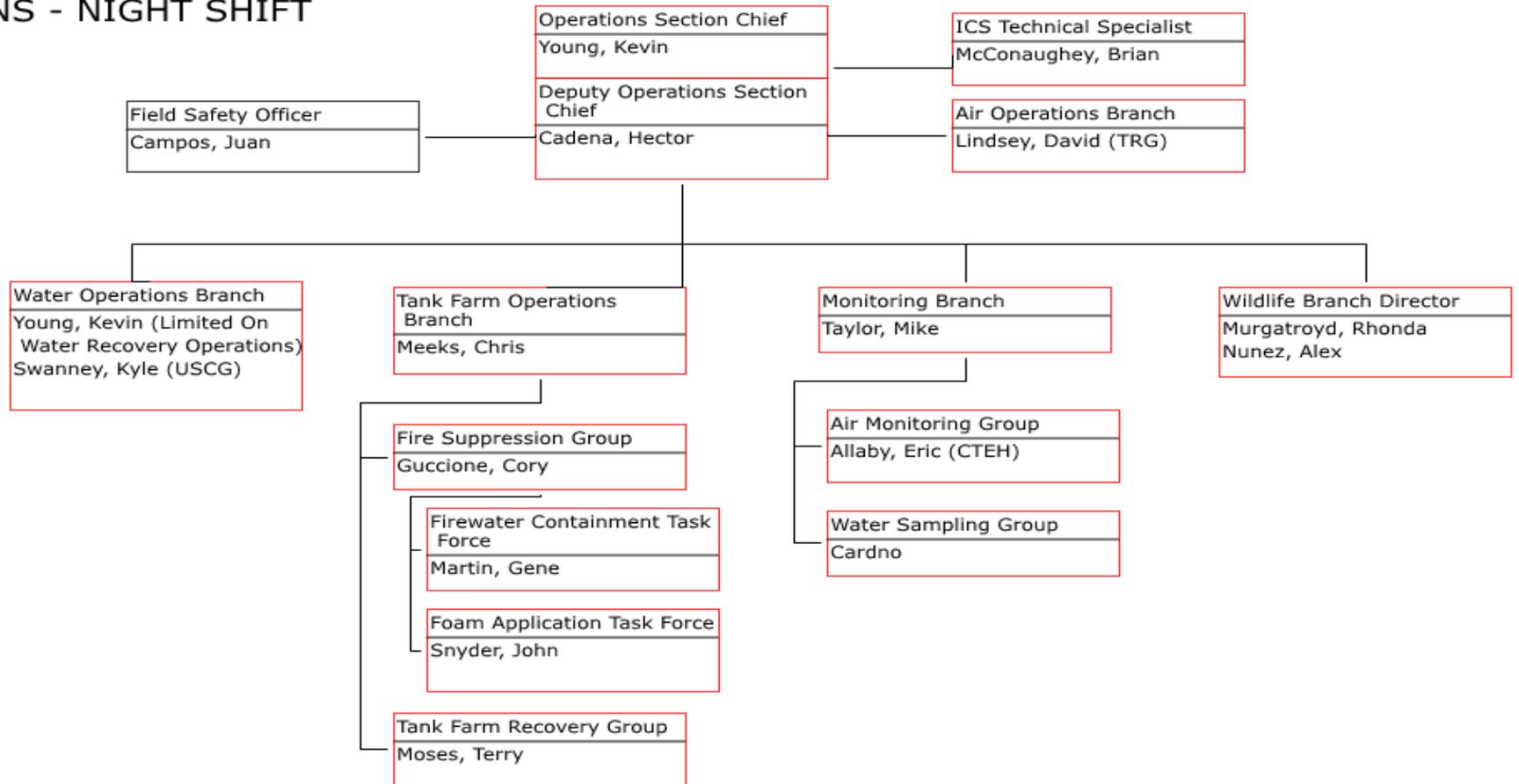
<b>ICS 206 - Medical Plan</b>				Version Name: Division D On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
<b>Medical Aid Stations</b>								
<i>Name</i>		<i>Location</i>		<i>Paramedic On Site</i>	<i>Phone</i>		<i>Radio</i>	
Staging Area - OMI River		-95.10154 29.78214		<input checked="" type="checkbox"/>				
<b>Transportation (Ground and/or Air Ambulance Services)</b>								
<i>Ambulance Service</i>		<i>Location</i>		<i>Phone</i>		<i>Radio</i>	<i>Air</i>	<i>ALS</i>
Acadian Ambulance Dispatch Center		-94.14665 29.99906		Ph1: (409) 833-3800			<input type="checkbox"/>	<input type="checkbox"/>
Acadian Ambulance Supervisor 470		-95.10154 29.78214		Ph1: (832) 210-4279			<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Hospitals</b>								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440		15 min	15 min	III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002		15 min	15 min	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708		15 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600		15 min	30 min		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America-Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000		15 min	15 min	II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893		15 min	15 min		<input type="checkbox"/>	<input type="checkbox"/>
<b>ICS 206 - Medical Plan</b>				Prepared By Planning, Updated 03/25/2019 16:51 UTC -6:00 PP				
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 52 of 73		© TRG		

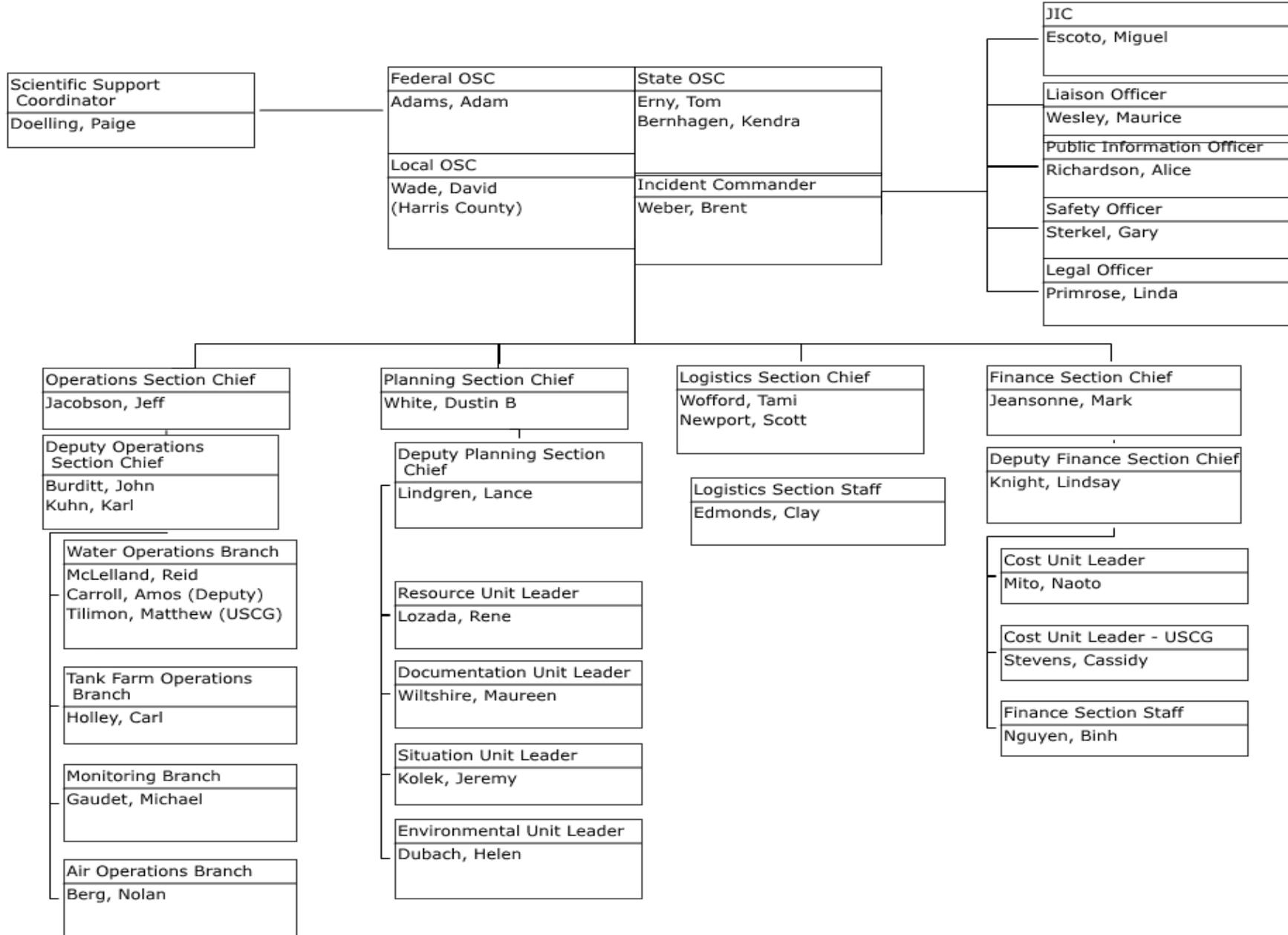
<b>ICS 206 - Medical Plan</b>	Version Name: Division D On Water Operations
Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
<b><i>Special Medical Emergency Procedures</i></b>	
<p>Deliver First Aid if trained in accordance with your training.</p> <ol style="list-style-type: none"> <li>1. Acadian Ambulance staged 01 Advanced Life Support Ambulance at Staging Area - OMI River; Address - River Terrace Park 16550 Market Street Channelview, TX 77530</li> <li>2. Call Acadian Ambulance Dispatch at (409) 833-3800 to notify Ambulance of incoming medical or trauma case</li> </ol> <p>Conduct immediate notifications through supervisor and Safety Officer via Chain of Command per ICS 202b Unified Command Critical Threshold Reporting Criteria for:</p> <p>Injury or Death</p> <ul style="list-style-type: none"> <li>OSHA/Greater than 1st Aid through Safety Officer</li> </ul> <p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>	

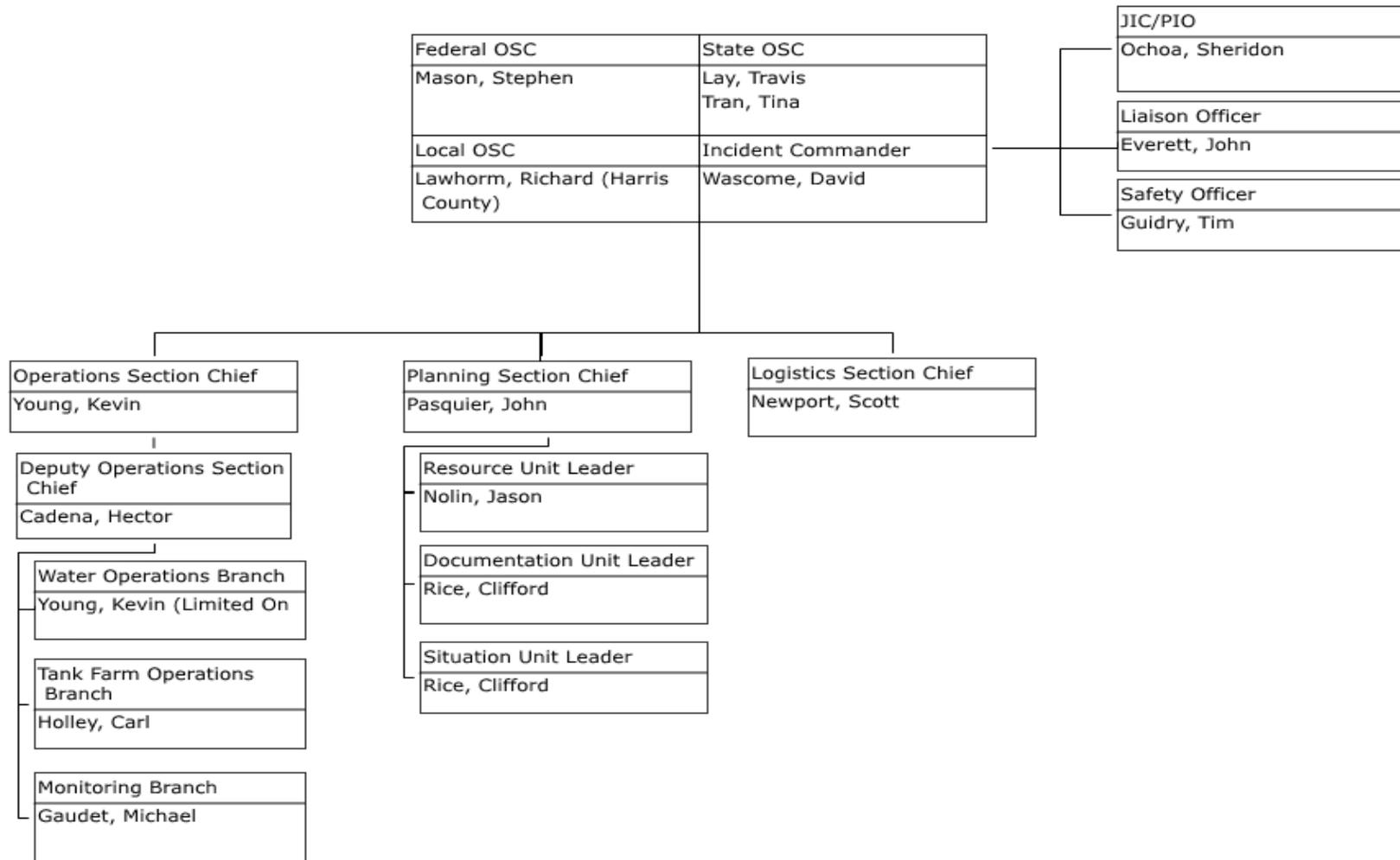
OPERATIONS - DAY SHIFT



**OPERATIONS - NIGHT SHIFT**







<b>ICS 208 - Site Safety Plan</b>				Version Name: Tank Farm Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: Division E								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Mostly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		68 Fahrenheit		
<b>Speed</b> 0.48 knot (s)				<b>Wind Speed</b>		0 mph		
<b>Direction</b> NNW				<b>Direction</b>		SSE		
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm
LEL		Greater than 10%	Benzene		.5 ppm			
<b>Engineering Controls</b>								
<input type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
<b>Work Plan</b>								
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			<b>Training Requirements</b>	HAZWOPER			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/25/2019 18:10 UTC -6:00 PP				
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 58 of 73		© TRG		

Incident Name: 2nd 80's Fire	Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]
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**Organization**

Position	Name	Telephone/Radio	Position	Name	Telephone/Radio
Incident Commander	Weber, Brent	(225) 806-5136	Operations Section Chief	Jacobson, Jeff	713-516-6916
Safety Officer	Collins, Ray	713-614-8550			

**Emergency Plan**

<input checked="" type="checkbox"/> Fire Prevention Plan	<input checked="" type="checkbox"/> Evacuation Plan	
<input checked="" type="checkbox"/> Alarm System	<input checked="" type="checkbox"/> First Aid Location	

**Notifications**

	Facility	Phone		Facility	Phone		
<input checked="" type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Deer Park VFD	911/281-479-1511
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Deer Park VFD	911/281-479-1511	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff	(713) 637-0014
<input type="checkbox"/>	<b>Air Ambulance</b>	Deer Park VFD	911/281-479-1511	<input checked="" type="checkbox"/>	<b>Emergency Response/Rescue</b>	Deer Park VFD	911/281-479-1511

**Initial Briefing**

<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site
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<b>ICS 208 - Site Safety Plan</b>				Version Name: On-Water Decon Group				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: On-Water Decon Group								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Partly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		65 Fahrenheit		
<b>Speed</b>		0.48 knot (s)		<b>Wind Speed</b>				
<b>Direction</b>		NNW		<b>Direction</b>				
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm
LEL		Greater than 10%	Benzene		.5 ppm			
<b>Engineering Controls</b>								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
<b>Work Plan</b>								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			<b>Training Requirements</b>	HAZWOPER			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:32 UTC -6:00 PP				
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 60 of 73		© TRG		

<b>ICS 208 - Site Safety Plan</b>				Version Name: On-Water Decon Group			
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
<b>Organization</b>							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
<b>Emergency Plan</b>							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
<b>Notifications</b>							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Channelview FD 911 / (281) 452-5782	
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff (713) 637-0014	
<input checked="" type="checkbox"/>	<b>Air Ambulance</b>	Channelview FD	911 / (281) 452-5782	<input type="checkbox"/>	<b>Emergency Response/Rescue</b>		
<b>Initial Briefing</b>							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
<b>Attachments/Appendices</b>							
<b>Attachment</b>			<b>Filename</b>				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:32 UTC -6:00 PP			
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 61 of 73		© TRG	

<b>ICS 208 - Site Safety Plan</b>				Version Name: Division A On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: Division A								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Partly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		65 Fahrenheit		
<b>Speed</b>				<b>Wind Speed</b>				
<b>Direction</b>				<b>Direction</b>				
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level	Outside 19.5-23.5	Hydrogen Sulfide	10 ppm	Total Hydrocarbons	50 ppm			
LEL	Greater than 10%	Benzene	.5 ppm					
<b>Engineering Controls</b>								
<input checked="" type="checkbox"/>	Source of release secured	<input checked="" type="checkbox"/>	Valve(s) closed	<input checked="" type="checkbox"/>	Energy sources locked/tagged out			
<input checked="" type="checkbox"/>	Site secured	<input checked="" type="checkbox"/>	Facility shut down					
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit	<input checked="" type="checkbox"/>	Flame resistant clothing	<input checked="" type="checkbox"/>	Eye protection			
<input checked="" type="checkbox"/>	Inner gloves	<input checked="" type="checkbox"/>	Hard hats	<input checked="" type="checkbox"/>	Personal flotation			
<input checked="" type="checkbox"/>	Outer gloves	<input checked="" type="checkbox"/>	Respirators	<input checked="" type="checkbox"/>	Boots			
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination	<input checked="" type="checkbox"/>	Illumination	<input checked="" type="checkbox"/>	Additional stations established			
<input checked="" type="checkbox"/>	Sanitation	<input checked="" type="checkbox"/>	Medical surveillance	<input checked="" type="checkbox"/>	Facilities provided			
<b>Work Plan</b>								
<input checked="" type="checkbox"/>	Booming	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	Hot work			
<input checked="" type="checkbox"/>	Skimming	<input checked="" type="checkbox"/>	Heavy equipment	<input type="checkbox"/>	Appropriate permits used			
<input checked="" type="checkbox"/>	Vac trucks	<input checked="" type="checkbox"/>	Sorbent pads					
<input checked="" type="checkbox"/>	Pumping	<input type="checkbox"/>	Patching					
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements	<b>Training Requirements</b>	HAZWOPER					
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:24 UTC -6:00 PP				
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 62 of 73		© TRG		

ICS 208 - Site Safety Plan				Version Name: Division A On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
Organization							
Position	Name	Telephone/Radio	Position	Name	Telephone/Radio		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
Notifications							
Facility		Phone	Facility		Phone		
<input checked="" type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Channelview FD	
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff	
<input checked="" type="checkbox"/>	<b>Air Ambulance</b>	Channelview FD	911 / (281) 452-5782	<input type="checkbox"/>	<b>Emergency Response/Rescue</b>		
Initial Briefing							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
Attachments/Appendices							
Attachment			Filename				
ICS208 SSP On Water Operations Branch 24MAR19			FormPDF.pdf				
ICS 208 - Site Safety Plan				Prepared By Safety Officer, Updated 03/27/2019 17:24 UTC -6:00 PP			
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division B On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: Division B								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Partly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		65 Fahrenheit		
<b>Speed</b>		0.48 knot (s)		<b>Wind Speed</b>				
<b>Direction</b>		NNW		<b>Direction</b>				
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm
LEL		Greater than 10%	Benzene		.5 ppm			
<b>Engineering Controls</b>								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
<b>Work Plan</b>								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			<b>Training Requirements</b>	HAZWOPER			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6:00 PP				
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division B On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
<b>Organization</b>							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Iarson		Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
<b>Emergency Plan</b>							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
<b>Notifications</b>							
	<i>Facility</i>	<i>Phone</i>		<i>Facility</i>	<i>Phone</i>		
<input checked="" type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Channelview FD	911
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	<b>Air Ambulance</b>	Channelview FD	911	<input type="checkbox"/>	<b>Emergency Response/Rescue</b>		
<b>Initial Briefing</b>							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
<b>Attachments/Appendices</b>							
<b>Attachment</b>				<b>Filename</b>			
ICS208 SSP On Water Operations Branch 24MAR19				FormPDF.pdf			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6:00 PP			
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division C On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: Division C								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Partly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		65 Fahrenheit		
<b>Speed</b>		0.48 knot (s)		<b>Wind Speed</b>				
<b>Direction</b>		NNW		<b>Direction</b>				
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm
LEL		Greater than 10%	Benzene		.5 ppm			
<b>Engineering Controls</b>								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input checked="" type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
<b>Work Plan</b>								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			<b>Training Requirements</b>	HAZWOPER			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:28 UTC -6:00 PP				
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division C On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
<b>Organization</b>							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Water Operations Branch Supervisor	McLelland, Reid	281-838-7567		
Safety Officer (Water Operations)	Larson, Alan	786-973-1225	Water Operations Branch Supervisor (USCG)	Tilimon, Matthew	832-256-3261		
Operations Section Chief	Jacobson, Jeff	713-516-6916					
<b>Emergency Plan</b>							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
<b>Notifications</b>							
	<i>Facility</i>	<i>Phone</i>		<i>Facility</i>	<i>Phone</i>		
<input type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Channelview FD	911
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	<b>Air Ambulance</b>	Channelview FD	911	<input type="checkbox"/>	<b>Emergency Response/Rescue</b>		
<b>Initial Briefing</b>							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
<b>Attachments/Appendices</b>							
<b>Attachment</b>				<b>Filename</b>			
ICS208 SSP On Water Operations Branch 24MAR19				FormPDF.pdf			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:28 UTC -6:00 PP			
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division D On Water Operations				
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]				
Applies to Site: Division D								
<b>Site Characterization</b>								
<b>Water</b>		<b>Land</b>		<b>Weather</b>		Partly Cloudy		
<b>Wave Height</b>		<b>Land Use</b>		<b>Air Temp</b>		65 Fahrenheit		
<b>Speed</b>		0.48 knot (s)		<b>Wind Speed</b>				
<b>Direction</b>		NNW		<b>Direction</b>				
<b>Site Hazards</b>								
<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>	<b>Yes</b>	<b>No</b>	<b>Hazards</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water
<b>Air Monitoring Limits</b>								
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm
LEL		Greater than 10%	Benzene		.5 ppm			
<b>Engineering Controls</b>								
<input checked="" type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down				
<b>Personal Protective Equipment Required</b>								
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input checked="" type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
<b>Additional Control Measures Established</b>								
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established	
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided	
<b>Work Plan</b>								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
<b>Training</b>								
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			<b>Training Requirements</b>	HAZWOPER			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:30 UTC -6:00 PP				
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<b>ICS 208 - Site Safety Plan</b>				Version Name: Division D On Water Operations			
Incident Name: 2nd 80's Fire				Period: Period 6 [03/28/2019 07:00 - 03/29/2019 07:00]			
<b>Organization</b>							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Weber, Brent	(225) 806-5136	Operations Section Chief	Jacobson, Jeff	713-516-6916		
Safety Officer	Sterkel, Gary	281-384-9519					
<b>Emergency Plan</b>							
<input checked="" type="checkbox"/>	Fire Prevention Plan	<input checked="" type="checkbox"/>	Evacuation Plan				
<input checked="" type="checkbox"/>	Alarm System	<input checked="" type="checkbox"/>	First Aid Location				
<b>Notifications</b>							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
<input type="checkbox"/>	<b>Hospital</b>	Houston Healthcare Southeast	713-359-1440	<input checked="" type="checkbox"/>	<b>Fire</b>	Channelview FD	911
<input checked="" type="checkbox"/>	<b>Ambulance</b>	Acadian Ambulance - In Staging Area	409-833-3800	<input checked="" type="checkbox"/>	<b>Law Enforcement</b>	Harris County Sheriff	(713) 637-0014
<input checked="" type="checkbox"/>	<b>Air Ambulance</b>	Channelview FD	911	<input type="checkbox"/>	<b>Emergency Response/Rescue</b>		
<b>Initial Briefing</b>							
<input checked="" type="checkbox"/>	Initial safety briefing prepared for each site						
<b>Attachments/Appendices</b>							
<b>Attachment</b>				<b>Filename</b>			
ICS208 SSP On Water Operations Branch 25MAR19				FormPDF.pdf			
<b>ICS 208 - Site Safety Plan</b>				Prepared By Safety Officer, Updated 03/27/2019 17:30 UTC -6:00 PP			
<b>INCIDENT ACTION PLAN SOFTWARE™</b>		Printed 03/28/2019 01:06 UTC -6:00		Page 69 of 73		© TRG	

# Site Safety and Health Plan ICS-208-CG (rev 4/15)

**Incident Name:** 2<sup>nd</sup> 80's fire

**Date/Time Prepared:** 3/24/2019

**Operational Period:** 3/25/19 - 0700

**Purpose.** The ICS Compatible Site Safety and Health Plan is designed for safety and health personnel that use the Incident Command System (ICS). It is compatible with ICS and is intended to meet the requirements of the Hazardous Waste Operations and Emergency Response regulation (Title 29, Code of Federal Regulations, Part 1910.120). The plan avoids the duplication found between many other site safety plans and certain ICS forms. It is also in a format familiar to users of ICS. Although primarily designed for oil and chemical spills, the plan can be used for all hazard situations.

**Changes:** The only change to this form since 2006 is added Emergency Site Non-Hazardous Assessment form (SSP-A2).

Questions on the document should be addressed to the **Coast Guard Office of Contingency Preparedness and Exercise Policy (CG-CPE)**.

## Table of Forms

FORM NAME	FORM #	USE	REQUIRED	OPTIONAL	ATTACHED
Emergency Safety and Response Plan	A	Emergency response phase (uncontrolled)	X		
Emergency Site Non-Hazardous Assessment Form	A2	Emergency response phase without Hazardous Materials present. Overall site assessment	X		
Site Safety Plan	B	Post-emergency phase (stabilized, cleanup)	X		
Site Map	C	Post-emergency phase map of site and hazards	X		
Emergency Response Plan	D	Part of Form B, to address emergencies	X		
Exposure Monitoring Plan	E	Exposure monitoring Plan to monitor exposure	X		
Air Monitoring Log	E-1	To log air monitoring data	X*		
Personal Protective Equipment	F	To document PPE equipment and procedures	X*		
Decontamination	G	To document decon equipment and procedures	X*		
Site Safety Enforcement Log	H	To use in enforcing safety on site		X	
Worker Acknowledgement Form	I	To document workers receiving briefings		X	
Form A Compliance Checklist	J	To assist in ensuring HAZWOPER compliance		X	
Form B Compliance Checklist	K	To assist in ensuring HAZWOPER compliance		X	
Drum Compliance Checklist	L	To assist in ensuring HAZWOPER compliance		X	
Other:					

\* Required only if function or equipment is used during a response

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<b>EMERGENCY SAFETY and RESPONSE PLAN</b>		1. Incident Name 2 <sup>nd</sup> 80's Fire			2. Date/Time Prepared 3/24/19 @ 1600			3/ 3/25/19 @0700			4. Attachments: <b>Attach SDS for each Chemical: PY Gas, Naptha, Toluene</b>								
5. <u>Organization IC/UC:</u>  ITC/EPA		Safety: MST1 Alan Larson			Entry Team: NA			Backup Team: NA			Decon Team: TBD								
6.a. <u>Physical Hazards and Protection</u>		6.b. Confined Space <input type="checkbox"/> Noise <input checked="" type="checkbox"/> Heat Stress <input type="checkbox"/> Cold Stress <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Animal/Plant/Insect <input type="checkbox"/> Ergonomic <input type="checkbox"/> Ionizing Rad <input type="checkbox"/> Slips/Trips/Falls <input checked="" type="checkbox"/> Struck by <input checked="" type="checkbox"/> Water <input type="checkbox"/> Violence <input type="checkbox"/> Excavation <input type="checkbox"/> Biomedical waste and/or needles <input checked="" type="checkbox"/> Fatigue <input type="checkbox"/> Other (specify)																	
6.c. Tasks & Controls		6d Entry Permit	6.e. Venti late	6f. Hearing Protection	6g. Shoes (type)	6.h. Hard Hats	6i. Clothing (cold wx)	6j. Life Jacket	6l. Work/ Rest (hrs)	6.m. Fluids (amt/time)	6.n. Signs & Barricade	6.p. Fall Protect	6.q. Post Guards	6.r. Flash Protect	6.s. Work Gloves	6.t. Other			
Small boat operations:		N/A	N/A	PRN	N/A	PRN	N/A	X	TBD	X	N/A	N/A	N/A	N/A	X	Only qualified operator and crew			
Skimming Ops		N/A	N/A	N/A	N/A	PRN	N/A	X	TBD	X	N/A	N/A	N/A	N/A	X				
Transiting through high concentration areas		N/A	N/A	N/A	N/A	N/A	N/A	X	TBD	X	N/A	N/A	N/A	N/A	X				
Sampling Ops:		N/A	N/A	N/A	N/A	N/A	N/A	PRN	TBD	X	N/A	N/A	N/A	N/A	X				
7.a. Agent		7.b. Hazards			7.c. Target Organs			7.d. Exposure Routes			7.f. PPE		7.g. Type of PPE						
Pyrolysis Gasoline		Explosive <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Reactive <input type="checkbox"/> Biomedical <input type="checkbox"/> Toxic <input type="checkbox"/>			Radioactive <input type="checkbox"/> Carcinogen <input checked="" type="checkbox"/> Oxidizer <input type="checkbox"/> Corrosive <input type="checkbox"/> Specify Other: <input type="checkbox"/>			Eyes <input checked="" type="checkbox"/> Nose <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Ears <input type="checkbox"/> Central Nervous System <input checked="" type="checkbox"/> Respiratory <input checked="" type="checkbox"/> Throat <input type="checkbox"/> Lungs <input type="checkbox"/> Heart <input type="checkbox"/> Liver <input type="checkbox"/> Kidney <input type="checkbox"/> Blood <input type="checkbox"/> Lungs <input type="checkbox"/> Circulatory <input type="checkbox"/> Gastrointestinal <input type="checkbox"/> Bone <input type="checkbox"/> Other Specify: <input type="checkbox"/>			Inhalation <input checked="" type="checkbox"/> Absorption <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Injection <input type="checkbox"/> Membrane <input type="checkbox"/>			Face Shield <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Inner Suit <input type="checkbox"/> Splash Suit <input checked="" type="checkbox"/> Level A Suit <input type="checkbox"/> SCBA <input checked="" type="checkbox"/> APR <input checked="" type="checkbox"/> SAR <input type="checkbox"/> Cartridges <input checked="" type="checkbox"/> Fire Resistance <input type="checkbox"/>		Full face resperator as needed PRN Nitrile NA Tyvek NA Organic Vapor Cartidge with 8 hour capability NA Hepa NA			
Xylene																			
Naptha																			
Gasoline blend																			
Toluene																			
Yubase #4 & #6																			
8. Instruments: Hand held		8.a. Action Levels:	8.b. Chemical Name(s):		8.c. LEL/UEL %	8.d. Odor Thresh Ppm	8.e. Ceiling/IDLH	8.f. STEL/TLV	8.g. Flash Pt/ Ignition Pt (F or C)	8.h. Vapor Pressure (mm)	8.i. Vapor Density	8.j. Specific Gravity	8.l. Boiling Pt F or C						
O2 <input checked="" type="checkbox"/>		<19.5 - >23.5	Benzene		LEL: 1.2% UEL: 7.8%	2.5	300ppm	2.5 ppm 15 minutes.	12 F	28	2.7	0.87	176 F						
CGI <input checked="" type="checkbox"/>		>10% LEL																	
Radiation <input checked="" type="checkbox"/>		> 1Mr/Hr																	
Total HCs <input checked="" type="checkbox"/>		TBD																	
Colorimetric <input type="checkbox"/>		NA																	
Thermal <input type="checkbox"/>		NA																	
Benzene <input checked="" type="checkbox"/>		0.5ppm																	

<b>EMERGENCY SAFETY and RESPONSE PLAN (Cont)</b>	1. Incident Name 2 <sup>nd</sup> 80's Fire	3/24/19	3/25/19 – 0700 – 3/26/19 - 0700	4. Attachments: Attach SDS for each Chemical. PY Gas, Naptha, Toluene
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9. Decontamination: Instrument Drop Off <input checked="" type="checkbox"/> Outer Boots/Glove Removal <input checked="" type="checkbox"/> Suit/Gloves/Boot Disposal <input checked="" type="checkbox"/>	Suit Wash <input type="checkbox"/> Decon Agent: Water <input checked="" type="checkbox"/> Other <input type="checkbox"/> Specify:	Bottle Exchange <input type="checkbox"/> Outer Suit Removal <input checked="" type="checkbox"/> Inner Suit Removal <input type="checkbox"/> SCBA/Mask Removal <input type="checkbox"/>	SCBA/Mask Rinse <input checked="" type="checkbox"/> Inner Glove Removal <input checked="" type="checkbox"/> Work Clothes Removal <input checked="" type="checkbox"/> Body Shower <input type="checkbox"/>	Intervening Steps <input type="checkbox"/> Specify:
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10. Site Map. Include: Work Zones, Locations of Hazards, Security Perimeter, Places of Refuge, Decontamination Line, Evacuation Routes, Assembly Point, Direction of North  
 Attached,  Drawn Below:



11.a. <u>Potential Emergencies</u> : Fire <input checked="" type="checkbox"/> Explosion <input type="checkbox"/> <u>Over exposure to Benzene</u> <input checked="" type="checkbox"/>	11.b. <u>Evacuation Alarms</u> : Horn <input type="checkbox"/> # Blasts <input type="checkbox"/> Bells <input type="checkbox"/> #Rings <input type="checkbox"/> Radio Code <input type="checkbox"/> Other:	11.c. <u>Emergency Prevention and Evacuation Procedures</u> : Safe Distance: Evacuate area if readings of over 25ppm are observed.
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12. a. <u>Communications</u> : Radio <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Other <input type="checkbox"/>	12.b. Command #: (713)208-5583	12.c. Tactical #: NA	12.d. Entry #:
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13.a. <u>Site Security</u> : Personnel Assigned: NA	13.b. Procedures:	13.c. Equipment:
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14.a. <u>Emergency Medical</u> : Personnel Assigned: TBD	14.b. Procedures:	14.c. Equipment:
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15. <u>Prepared by</u> : MST1 Alan Larson	16. <u>Date/Time Briefed</u> : 3/24/2019	<b>ICS-208-CG SSP-A Page 2 (rev 4/15): Page 2 of 2</b>
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